

<b>Project Title:</b>	Manganese Exposure Windows and Neurologic Function in Adolescence
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Publication Title	Authors	Journal (Pub date)	Volume/Page	PubMed Link
A new non-destructive method for chemical analysis of particulate matter filters: the case of manganese ...	Borgese, Laura; Zacco, Annalisa; Pal, Sudipto; Bontempi, Elza; Lucchini, Roberto; Zimmerman, Neil; Depero, Laura E	Talanta (2011 Mar 15)	84 / 192-8	PubMed Citation
Airborne particulate matter (PM) filter analysis and modeling by total reflection X-ray fluorescence ...	Borgese, L; Salmistraro, M; Gianoncelli, A; Zacco, A; Lucchini, R; Zimmerman, N; Pisani, L; Siviero, G; Depero, L E; Bontempi, E	Talanta (2012 Jan 30)	89 / 99-104	PubMed Citation
Association between personal exposure to ambient metals and respiratory disease in Italian adolescents ...	Rosa, Maria José; Benedetti, Chiara; Peli, Marco; Donna, Filippo; Nazzaro, Marco; Fedrighi, Chiara; Zoni, Silvia; Marcon, Alessandro; Zimmerman, Neil; Wright, Rosalind; Lucchini, Roberto	BMC Pulm Med (2016 Jan 12)	16 / 6	PubMed Citation
ATP13A2 (PARK9) polymorphisms influence the neurotoxic effects of manganese.	Rentschler, Gerda; Covolo, Loredana; Haddad, Amelia Ahmadi; Lucchini, Roberto G; Zoni, Silvia; Broberg, Karin	Neurotoxicology (2012 Aug)	33 / 697-702	PubMed Citation
Common Polymorphisms in the Solute Carrier SLC30A10 are Associated With Blood Manganese and Neurolog ...	Wahlberg, Karin; Kippler, Maria; Alhamdow, Ayman; Rahman, Syed; Moshfiqur; Smith, Donald R; Vahter, Marie; Lucchini, Roberto G; Broberg, Karin	Toxicol Sci (2016 Feb)	149 / 473-83	PubMed Citation

Early life versus lifelong oral manganese exposure differently impairs skilled forelimb performance ...	Beaudin, Stephane A; Nisam, Sean; Smith, Donald R	Neurotoxicol Teratol (2013 Jul-Aug)	38 / 36-45	PubMed Citat
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Golgi phosphoprotein 4 (GPP130) is a sensitive and selective cellular target of manganese exposure.	Masuda, Melisa; Braun-Sommargren, Michelle; Crooks, Dan; Smith, Donald R	Synapse (2013 May)	67 / 205-15	PubMed Citat
Hair as a biomarker of environmental manganese exposure.	Eastman, Rachel R; Jursa, Tom P; Benedetti, Chiara; Lucchini, Roberto G; Smith, Donald R	Environ Sci Technol (2013 Feb 5)	47 / 1629-37	PubMed Citat
Heavy Metals in Soil and Salad in the Proximity of Historical Ferroalloy Emission.	Ferri, Roberta; Donna, Filippo; Smith, Donald R; Guazzetti, Stefano; Zacco, Annalisa; Rizzo, Luigi; Bontempi, Elza; Zimmerman, Neil J; Lucchini, Roberto G	J Environ Prot (Irvine, Calif) (2012 May)	3 / 374-385	PubMed Citat
Impact of ferromanganese alloy plants on household dust manganese levels: implications for childhood ...	Lucas, E L; Bertrand, P; Guazzetti, S; Donna, F; Peli, M; Jursa, T P; Lucchini, R; Smith, D R	Environ Res ()	138 / 279-90	PubMed Citat
Indoor air sampling for fine particulate matter and black carbon in industrial communities in Pittsb ...	Tunno, Brett J; Naumoff, Kyra; Cambal, Leah; Tripathy, Sheila; Holguin, Fernando; Lioy, Paul; Clougherty, Jane E	Sci Total Environ (2015 Dec 1)	536 / 108-15	PubMed Citat
Inverse association of intellectual function with very low blood lead but not with manganese exposur ...	Lucchini, Roberto G; Zoni, Silvia; Guazzetti, Stefano; Bontempi, Elza; Micheletti, Serena; Broberg, Karin; Parrinello, Giovanni; Smith, Donald R	Environ Res (2012 Oct)	118 / 65-71	PubMed Citat
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Manganese exposure: cognitive, motor and behavioral effects on children: a review of recent findings ...	Donald R; Georgopoulos, Panos G; Mi, Zhongyuan; Royce, Steven G; Lucchini, Roberto G	Zoni, Silvia; Lucchini, Roberto G	Curr Opin Pediatr (2013 Apr)	25 / 255-60	PubMed Citat
Metal contamination of home garden soils and cultivated vegetables in the province of Brescia, Italy ...	Ferri, Roberta; Hashim, Dana; Smith, Donald R; Guazzetti, Stefano; Donna, Filippo; Ferretti, Enrica; Curatolo, Michele; Moneta, Caterina; Beone, Gian Maria; Lucchini, Roberto G	Sci Total Environ (2015 Jun 15)	518-519 / 507-17	PubMed Citat	
Metal fractionation in soils and assessment of environmental contamination in Vallecmonica, Italy.	Borgese, L; Federici, S; Zacco, A; Gianoncelli, A; Rizzo, L; Smith, D R; Donna, F; Lucchini, R; Depero, L E; Bontempi, E	Environ Sci Pollut Res Int (2013 Jul)	20 / 5067-75	PubMed Citat	
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Polymer-grafted QCM chemical sensor and application to heavy metal ions real time detection.	Sartore, Luciana; Barbaglio, Marzia; Borgese, Laura; Bontempi, Elza	Sens Actuators B Chem (2011 Jul 20)	155 / 539-544	PubMed Citat	
Predictors of virtual radial arm maze performance in adolescent Italian children.	Braun, Joe M; Lucchini, Roberto; Bellinger, David C; Hoffman, Elaine; Nazzaro, Marco; Smith, Donald R; Wright, Robert O	Neurotoxicology (2012 Oct)	33 / 1203-11	PubMed Citat	

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